

Marcantoni, Paul

From: Paul Marcantoni [pdmarc@cox.net]
Sent: Friday, August 04, 2006 9:18 PM
To: Marcantoni, Paul
Subject: 10/414,505

AN 123:294864 CA

ED Entered STN: 25 Nov 1995

TI Manufacture of reactive inorganic filler useful as **cement** substitute

IN Suzuki, Nobuo; Fujita, Tomoharu

PA Shimizu Construction Co Ltd, Japan

SO Jpn. Kokai Tokkyo Koho, 14 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

IC ICM C04B014-04

 ICS C04B024-42

CC 58-1 (Cement, Concrete, and Related Building Materials)

FAN.CNT 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----------------------------|------|----------|-----------------------|----------|
| PI <u>JP 07196348</u> | A2 | 19950801 | <u>JP 1993-353011</u> | 19931228 |
| PRAI <u>JP 1993-353011</u> | | | | 19931228 |

CLASS

PATENT NO. CLASS PATENT FAMILY CLASSIFICATION CODES

JP 07196348 ICM C04B014-04

 ICS C04B024-42

 IPCI C04B0014-04 [ICM,6]; C04B0014-02 [ICM,6,C*];
 C04B0024-42 [ICS,6]; C04B0024-00 [ICS,6,C*]

AB SiO₂-contg. inorg. filler, preferably selected from diatomaceous earth, silica sand, SiO₂-contg. **volcanic ash**, **fly ash**, siliceous stone, and quartz, is treated with an activating agent and reacted with NH₃ or amine compd. or treated with acid or base to obtain reactive inorg. filler. The activating agent is preferably silicon halide or SiCl₄.

ST diatomaceous earth reactive filler; silica sand reactive filler; **volcanic ash** reactive filler; **fly ash** reactive filler; siliceous stone reactive filler; quartz reactive fill